



PATENT

THE UNITED STATES PATENT AND TRADEMARK OFFICE

Brophy et al.

Application No. 10/642,439

Filed: Aug 14, 2003

For: TETHERED CATALYST
PROCESS IN MICROCHANNEL
REACTORS AND SYSTEMS
CONTAINING A TETHERED
CATALYST OR TETHERED
CHIRAL AUXILIARY

:
:
: Art Unit: 1755
:
: Examiner: James W. Pasterczyk
:
: Atty Docket: 02-024
:
:

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Pursuant to the duty of disclosure under 37 CFR §§ 1.56 and 1.97-1.99, the documents listed on the attached Form(s) PTO-1449 are being brought to the attention of the Examiner in charge of the above-identified application. Because no first Office Action on the merits has been mailed, it is believed that no fees are due; however, if any fees are required for consideration of this Information Disclosure Statement, please charge such fees to Deposit Account No. 50-1749.

The Examiner is respectfully requested to initial the space adjacent each document entry on the Form(s) PTO-1449, and to return a copy of the initialled Form(s) PTO-1449 to confirm that the documents have been considered and have been officially made of record in this application.

If the Examiner has any questions or wishes to discuss this application, the Examiner is invited to telephone the undersigned representative at the number set forth below.

Respectfully submitted,

Date: 22 April 2005

By: Frank Rosenberg

Frank Rosenberg
Registration No. 37,068
Tel. No. 925-376-8429

Form PTO-1449

Information Disclosure Citation

Attorney Docket
21,124Application No.
10/642,439Applicant
Drophy et al.Filing Date
Aug 14, 2003Group Art Unit
1755

U.S. Patent Documents

Examiner Initial		Patent Number	Date	Name	Class	Sub-Class	Filing Date
	AA	2002/0055655	May 2002	Leipprand et al.	568	313	
	AB	6,040,261	Mar 2000	Hlatky	B01J	31/00	
	AC						
	AD						
	AE						
	AF						
	AG						

Foreign Patent Documents

		Document Number	Date	Country	Class	Sub-Class	Translation
	AH	WO 2004/067492 A1	2004	PCT	C07C	67/46	
	AI	DE 10031381 A1	2002	PCT	C07B	61/00	
	AJ	DE 19950952 A1	2001	PCT	C07C	27/00	
	AK						
	AL						
	AM						

Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)

AR	PCT International Search Report, PCT/US03/25442, mailed Nov. 20, 2003
AS	"The use of a novel microreactor for high throughput continuous flow organic synthesis," Greenway et al., Sensors and Actuators B, pp 153-158 (2000).
AT	"An investigation of Knoevenagel condensation reaction in microreactors using a new zeolite catalyst," Zhang et al., Applied Catalysis A: General 261, pp 109-118 (2004).
AU	"Knoevenagel condensation reaction in a membrane reactor," Lai et al., Chem. Commun. pp 218-219 (2003).
AV	"Technology and Applications of Microengineered Reactors," Gavriilidis et al., Trans. IChemE, vol. 80, Part A, pp 3-30 (Jan 2002).

Examiner

Date Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.